



POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Hitachi, Ltd., as assignee of record of the entire interest of the applications identified in the attached Appendix A as per the Assignments corresponding to said applications, recordation dates and locations of said Assignments being indicated in the attached Appendix A, hereby revoke all powers of attorneys previously given and hereby appoint the following attorneys to prosecute and transact all business in the Patent and Trademark Office connected therewith:

John R. Mattingly, Reg. No. 30,293; Daniel J. Stanger, Reg. No. 32,846; Shrinath Malur, Reg. No. 34,663; Carl I. Brundidge, Reg. No. 29,621; and the attorneys/agents associated with Customer No. 24956.

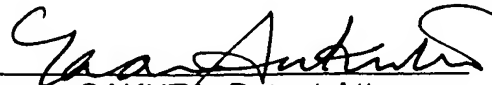
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The undersigned submits that the undersigned has power to act on behalf of the assignee, the evidentiary documents have been reviewed and certifies that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take the action.

Executed this 18 day of April, 2005.

HITACHI, LTD.


Yasuo SAKUTA, Patent Attorney
Executive Officer
Intellectual Property Group
(Authorized Signing Officer)



APPENDIX A

ATTY. DKT. NO.	INVENTOR	SERIAL NO.	FILING DATE	RECORDATION DATE	REEL/FRAME
H-1195	S. KANEKO	10/628,782	28-Jul-03	28-Jul-03	014341/0572
H-1196	M. HORI	10/641,514	14-Aug-03	14-Aug-03	014406/0638
H-1197	S. HOMMA	10/627,575	25-Jul-03	3-Nov-03	014651/0770
H-1198	A. KANO	10/445,490	27-May-03	27-May-03	014114/0147
H-1199	Y. TAKEI	10/431,893	8-May-03	8-May-03	014062/0252
H-1200	T. HIRATA	10/424,883	28-Apr-03	28-Apr-03	014021/0359
H-1201	M. KITAMURA	10/703,309	7-Nov-03	7-Nov-03	014689/0617
H-1202	Y. YAMAMOTO	10/683,688	9-Oct-03	9-Oct-03	014597/0525
H-1203	Y. KANEDA	10/670,590	25-Sep-03	25-Sep-03	014555/0718
H-1204	A. ASAHI	10/639,873	13-Aug-03	13-Aug-03	014395/0908
H-1205	T. WATANABE	10/639,996	13-Aug-03	13-Aug-03	014399/0305
H-1206	N. HARA	10/652,161	28-Aug-03	28-Aug-03	014465/0108
H-1207	K. ACHIWA	10/637,776	7-Aug-03	7-Aug-03	014388/0820
H-1208	K. ACHIWA	10/637,920	7-Aug-03	7-Aug-03	014381/0827
H-1209	I. KUROKAWA	10/628,784	28-Jul-03	28-Jul-03	014339/0032
H-1210	N. MATSUNAMI	10/775,886	10-Feb-04	10-Feb-04	014980/0586
H-1210-01	N. MATSUNAMI	11/030,608	6-Jan-05	10-Feb-04	014980/0586
H-1211	M. MAEDA	10/791,479	2-Mar-04	2-Mar-04	015040/0623
H-1212	K. SONODA	10/817,608	2-Apr-04	2-Apr-04	015183/0611
H-1213	M. ARAI	10/783,337	20-Feb-04	20-Feb-04	015019/0441
H-1214	S. NAKAYAMA	10/456,256	6-Jun-03	6-Jun-03	014157/0920
H-1215	N. KASAKO	10/748,886	2003/12/30	30-Dec-03	014877/0704
H-1215-01	N. KASAKO	11/087,983	22-Mar-05	30-Dec-03	014877/0704
H-1216	M. MIZUNO	10/754,857	9-Jan-04	9-Jan-04	014894/0171
H-1217	K. SUISHU	10/784,356	23-Feb-04	23-Feb-04	015019/0449
H-1218	Y. SATO	10/301,215	21-Nov-02	21-Nov-02	013527/0230
H-1219	H. SUZUKI	10/382,803	6-Mar-03	6-Mar-03	013860/0990
H-1220	M. KAWAGUCHI	10/382,804	6-Mar-03	6-Mar-03	013856/0134
H-1221	H. IDEI	10/409,989	7-Apr-03	7-Apr-03	013958/0613
H-1222	N. KASAKO	10/820,629	8-Apr-04	6-Jul-04	015534/0038
H-1222-01	N. KASAKO	11/010,216	8-Apr-04	6-Jul-04	015534/0038
H-1222-02	N. KASAKO	11/050,927	8-Apr-04	6-Jul-04	015534/0038